AMENDMENTS TO THE CLAIMS

Prior to the present communication, claims 10-11, 15, 17-18, 20-22, 24-28, and

30-31 were pending in the subject application. All of claims 10-11, 15, 17-18, 20-22, 24-28, and

30-31 have been amended and claims 32-36 have been added herein. Thus, claims 10-11, 15,

17-18, 20-22, 24-28, and 30-36 remain pending. This Listing of Claims will replace all prior

versions, and listings, of claims in the application.

Listing of Claims

1-9.   (Canceled)

10.   (Currently Amended) A computer-implemented method of capturing and

treating content using a computer system having a processor, memory, and data storage

subsystems, the computer-implemented method comprising the steps of:

a) setting a mode of operation to a content capture mode for interpreting

user stylus input for the purpose of selecting an on-screen region of a display, and

receiving a path drawn by a user via the stylus as input, the path defining

boundaries of the selected on-screen region of the [[a]] display, wherein pixels

comprising one or more graphical elements are displayed in the selected on-

screen region;

b) capturing the pixels displayed within the selected on-screen region, and

storing the captured pixels in an image file such that the image file is

representative of only those pixels of the display within the selected on-screen

region;

c) receiving a user command to set the mode of operation to an annotation

mode for interpreting the user ~~stylus~~ input for the purpose of annotating the one or

more graphical elements and, in response to the user command, switching the

mode of operation to the annotation mode and receiving an annotation drawn by

the user on the display ~~via the stylus~~, wherein the received annotation is

implemented using a plurality of tools via a toolbar, the toolbar appearing after

the selecting an on-screen region; and

d) obtaining context information for the one or more graphical elements

by automatically applying text recognition to the annotation ~~drawn by the user on~~

~~the display via the stylus~~, and storing the results of the text recognition as context

information via the computer system,

wherein the context information is automatically stored in association with

the image file.

11.   (Currently Amended) The computer-implemented method according to

claim 10, further comprising:

determining a window associated with the selected on-screen region;

retrieving an application interface having a Uniform Resource Identifier

(URI) property from the determined window or a parent window of the

determined window; and

obtaining the URI property as additional context information, the

additional context information being automatically stored in association with the

image file.

12-14.   (Canceled)

15.   (Currently Amended) The <u>computer-implemented</u> method of claim 10,
further comprising:

creating and storing a linking structure as the association between the
image file and the context information.

16.   (Canceled)

17.   (Currently Amended) The <u>computer-implemented</u> method of claim 15,
wherein the linking structure is incorporated in a file separate from the stored image file and the
stored context information.

18.   (Currently Amended) The <u>computer-implemented</u> method of claim 15,
wherein the linking structure includes at least one pointer pointing to the stored image file or the
stored context information.

19.   (Canceled)

20.   (Currently Amended) The <u>computer-implemented</u> method of claim 10,
wherein the context information is stored in such a manner as to be accessible to <u>the</u> [[a]] user for
performing at least one of the following:

searching for said context information,

displaying the context information simultaneously with the captured image

pixels, and navigating a network to a source of the captured image pixels.

21.   (Currently Amended) The computer-implemented method of claim 10,
wherein the one or more graphical elements represent ~~representing~~ a first set of one or more
textual characters, and the method further comprising:

obtaining additional context information by extracting the first set of one
or more textual characters, extracting a second set of textual characters displayed
in proximity with the first set, and storing the first and second sets of textual
characters as the additional context information, the additional context
information being automatically stored in association with the image file.

22.   (Currently Amended) The computer-implemented method of claim 10,
wherein the selected on-screen region is part of a displayed textual region, and the graphical
elements comprise a first set of one or more textual characters displayed in the textual region,
and the method further comprising:

obtaining additional context information based on a second set of one or
more textual characters displayed in the textual region, the additional context
information being automatically stored in association with the image file.

23.   (Canceled)

24.   (Currently Amended) The computer-implemented method of claim 27,
further comprising:

digitizing movements of a stylus across the display in order to receive an
annotation; and

obtaining additional context information based on the received annotation, the additional context information being automatically stored in association with the image file.

25.   (Currently Amended) The computer-implemented method of claim 10, wherein the selected on-screen region includes at least a portion of a displayed web page or document, and the method further comprises:

using an application programming interface (API) to query an application for additional context information, the additional context information being automatically stored in association with the image file, the queried application causing the one or more graphical elements to be displayed.

26.   (Currently Amended) The computer-implemented method of claim 25, further comprising: obtaining a uniform resource identifier (URI) of the web page or document as the context information, the URI being obtained as a result of the query using the API.

27.   (Currently Amended) A computer-implemented method of context harvesting from selected content using a computer system having a processor, memory, and data storage subsystems, the method performed in a stylus-based computer system comprising the steps of:

receiving a path drawn on the display by a user via an input device a stylus, the drawn path defining the boundaries of a selected on-screen region of the display, the selected on-screen region comprising a plurality of pixels, a displayed [[the]] content of the selected on-screen region including both textual

data and underlying data comprising at least one of: an executable object, a file, <u>or</u> [[and]] a link to remote content;

capturing the plurality of pixels of the on-screen region;

storing the captured pixels as an image file ~~such that the image file is representative of only those pixels of the display within the on-screen region, wherein the content displayed within the on-screen region includes textual data or underlying data comprising at least one of an executable object, a file, and a link to remote content~~;

~~automatically determining that the content displayed within the on-screen region includes the textual data~~;

in response to <u>automatically</u> determining that the displayed content of the on-screen region includes the textual data, automatically extracting a character or word from the textual data <u>and extracting complete sentences based upon punctuation</u> as context information <u>via the computer system</u>;

~~automatically determining that the displayed content of the on-screen region includes the underlying data by using an application programming interface (API) to query an application window associated with the content of the selected on-screen region~~;

in response to determining that the displayed content of the on-screen region includes the underlying data, automatically extracting a property of the underlying data as additional context information <u>via the computer system</u>, the property comprising at least one of: a file name, a file identifier, a uniform

resource locator (URL), a uniform resource identifier (URI), a folder name, or

[[and]] meta-data; and

storing the extracted context information and additional context

information in association with the image file via the data storage subsystem, such

that the context information is accessible when viewing the image file.

28.   (Currently Amended) A computer-implemented method of context

harvesting from selected content using a computer system having a processor, memory, and data

storage subsystems, the method performed in a stylus-based computer system including a

display, the method comprising the steps of:

setting a mode of operation to a content capture mode for interpreting

stylus input from an input device for the purpose of selecting an on-screen region

of a display, and receiving a path drawn on the display by a user via the input

device a stylus, the drawn path defining the boundaries of a selected on-screen

region of the display, the selected on-screen region comprising a plurality of

pixels;

capturing the plurality of pixels of the on-screen region;

storing the captured pixels as an image file via the data storage subsystem

such that the image file is representative of only those pixels of the display within

the on-screen region, wherein the content displayed within the on-screen region

includes at least one of: textual data, an executable object, a file, or [[and]] a link

to remote content;

~~receiving a user command to set the mode of operation to an annotation~~ ~~mode for interpreting stylus input for the purposes of annotating the content~~ ~~displayed within the onscreen region;~~

~~in response to the user command,~~ switching the mode of operation to <u>an</u> [[the]] annotation mode and receiving an annotation drawn on the display ~~by the~~ ~~user~~ via the <u>input device</u> ~~stylus~~;

<u>interpreting the input and annotating the content displayed within the on-</u> <u>screen region;</u>

~~performing text recognition on the annotation to produce recognized text~~ ~~of the annotation as context information;~~

automatically determining <u>via the computer system</u> that the content displayed within the on-screen region includes at least one of textual data and underlying data comprising at least one of an executable object, a file, and a link to remote content;

automatically extracting as additional context information ~~at least one of~~:

a <u>bounded</u> character or word from textual data determined to be included in the on-screen region<u>, and determining if the bounded character or</u> <u>word lies within the selected on-screen region</u>, and

a property of underlying data determined to be included in the on-screen region, the property comprising at least one of: a file name, a file identifier, a uniform resource locator (URL), a uniform resource identifier (URI), a folder name, <u>or</u> [[and]] meta-data; and

storing the context information and the additional context information in association with the image file _via the data storage subsystem_, such that the context information is accessible when viewing the image file.

29.   (Canceled)

30.   (Currently Amended) The computer-implemented method of claim 10, wherein the annotation is stored as originally drawn as additional context information in association with the image file.

31.   (Currently Amended) The computer-implemented method of claim 28, wherein the annotation is stored as originally drawn as additional context information in association with the image file.

32.   (New) The computer-implemented method of claim 10, further comprising a link to the one or more graphical elements of the selected on-screen region, the link comprising one of an implicit link hidden behind the one or more graphical elements and an explicit link shown in conjunction with the one or more graphical elements.

33.   (New) The computer-implemented method of claim 10, further comprising a separate linking table or database entry utilizing one or more pointers to the one or more graphical elements.

34.   (New) The computer-implemented method of claim 10, further comprising displaying the obtained context information to the user as one of displaying a property in a window and hovering over the one or more graphical elements.

35.   (New) The computer-implemented method of claim 10, wherein the one or more graphical elements comprise underlying data, underlying objects, and underlying associations with remote content.

36.   (New) The computer-implemented method of claim 21, further comprising: determining that the second sets of textual characters reside within the path drawn by the user and any subsequent sets of textual characters reside outside the path drawn by the user.

37.   (New) The computer-implemented method of claim 10, wherein the received annotation is implemented using a plurality of tools via a toolbar, the toolbar appearing after a stylus has been lifted off the display.